AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A replaceable printer component comprising:

a thermal sense resistor having a first resistance;

a resistance modifier coupled to the thermal sense resistor for modifying the first resistance; and

a memory that stores a plurality of fusible bits representing the first resistance and pen uniqueness information that uniquely identifies an inkjet cartridge.

2. (Previously Presented) The replaceable printer component of claim 1, wherein the plurality of fusible bits are set by blowing a resistor to modify the first resistance.

3. (Previously Presented) The replaceable printer component of claim 1, wherein the memory is a ROM.

4-6. (Canceled)

7. (Original) The replaceable printer component of claim 1, wherein the replaceable printer component is an inkjet printhead assembly.

8. (Original) The replaceable printer component of claim 1, wherein the replaceable printer component is an inkjet cartridge.

9. (Original) The replaceable printer component of claim 1, wherein the resistance modifier is a conductor for shorting a portion of the thermal sense resistor.

10. (Original) The replaceable printer component of claim 1, wherein the thermal sense resistor includes a serpentine-shaped portion having a plurality of transition regions.

11. (Previously Presented) The replaceable printer component of claim 10, wherein the resistance modifier is a conductor positioned near at least one of the plurality of transition regions for shorting a portion of the thermal sense resistor.

12-28. (Canceled)

29. (Previously Presented) An inkjet cartridge comprising:

an inkjet printhead for selectively depositing ink drops on print media;

an ink supply for providing ink to the inkjet printhead;

a thermal sense resistor coupled to the inkjet printhead and having an adjustable resistance that may be adjusted multiple times; and

a memory device that stores a resistance value representing the adjustable resistance.

30. (Previously Presented) The inkjet cartridge of claim 29, wherein the resistance value is represented using a plurality of fusible bits.

31. (Previously Presented) The inkjet cartridge of claim 30, wherein the plurality of fusible bits are set by blowing a resistor to modify the adjustable resistance.

32. (Previously Presented) The inkjet cartridge of claim 29, wherein the adjustable resistance is capable of being adjusted after manufacture of the memory device.

33. (Previously Presented) The inkjet cartridge of claim 29, further comprising a controller coupled to the inkjet printhead for adjusting the resistance value.

34. (Previously Presented) A printhead comprising:

a memory device coupled to the printhead that stores a plurality of bits representing a resistance value; and

a thermal sense resistor having a resistance capable of being adjusted by changing one or more of the plurality of bits stored in the memory device.

35. (Previously Presented) The printhead of claim 34, wherein at least one of the plurality of bits is a fusible bit capable of being blown in the memory device to adjust the resistance of the thermal sense resistor.

36. (Previously Presented) The printhead of claim 34, wherein the resistance is capable of being adjusted after manufacture of the memory device.

37. (Previously Presented) The printhead of claim 34, further comprising a controller coupled to the memory device for adjusting the one or more of the plurality of bits.